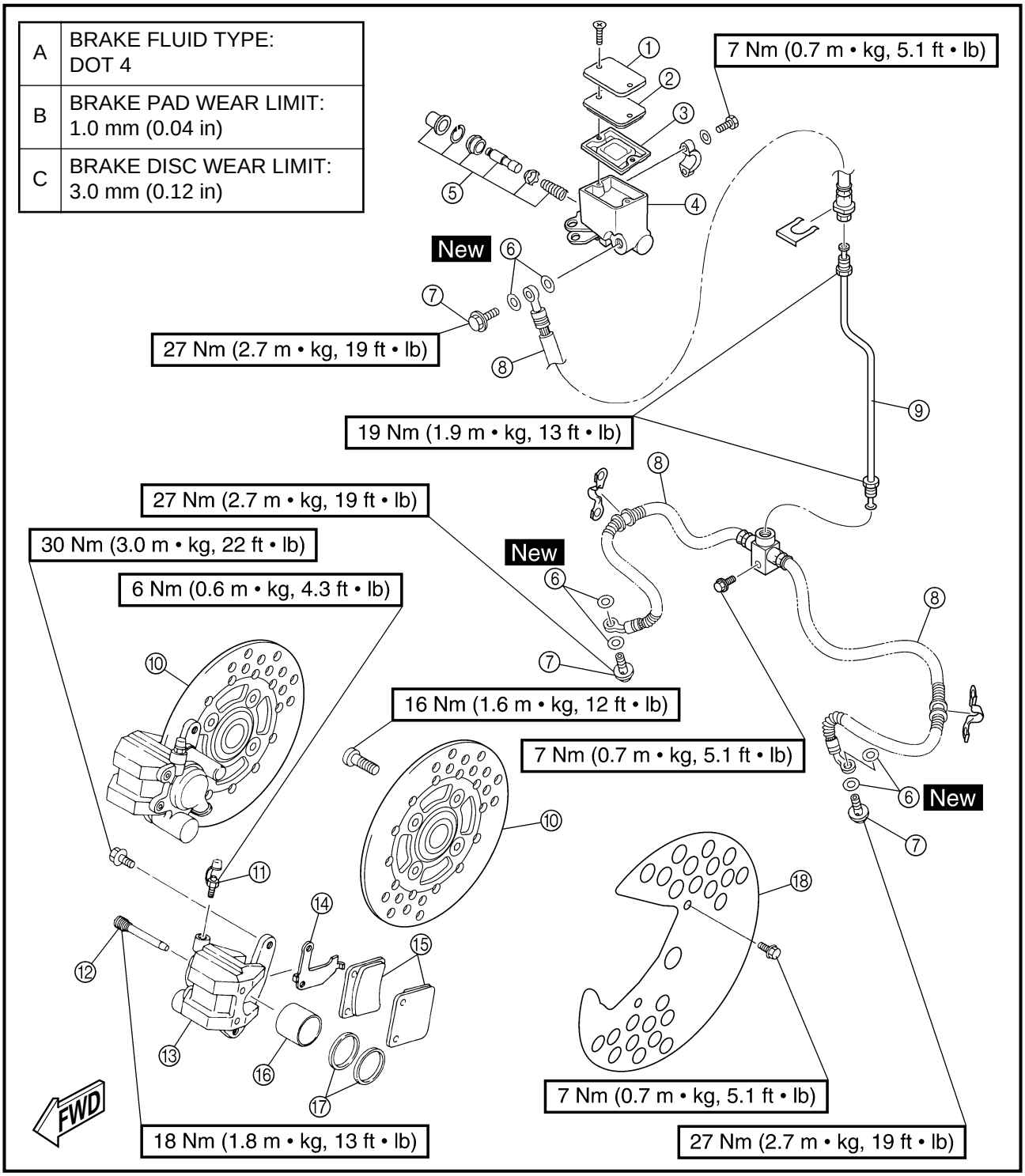
FRONT BRAKE

① Brake master cylinder reservoir cap
② Brake master cylinder reservoir diaphragm holder
③ Brake master cylinder reservoir diaphragm
④ Brake master cylinder
⑤ Brake master cylinder kit
⑥ Copper washer
⑦ Union bolt
⑧ Brake hose
⑨ Brake pipe
⑩ Brake disc
⑪ Caliper bleed screw
⑫ Retaining bolt
⑬ Brake caliper
⑭ Pad shim
⑮ Brake pad
⑯ Piston
⑰ Piston seal
⑱ Brake disc guard


A BRAKE FLUID TYPE: DOT 4
B BRAKE PAD WEAR LIMIT: 1.0 mm (0.04 in)
C BRAKE DISC WEAR LIMIT: 3.0 mm (0.12 in)
7 Nm (0.7 m • kg, 5.1 ft • lb)
New
27 Nm (2.7 m • kg, 19 ft • lb)
19 Nm (1.9 m • kg, 13 ft • lb)
27 Nm (2.7 m • kg, 19 ft • lb)
30 Nm (3.0 m • kg, 22 ft • lb)
6 Nm (0.6 m • kg, 4.3 ft • lb)
16 Nm (1.6 m • kg, 12 ft • lb)
7 Nm (0.7 m • kg, 5.1 ft • lb)
7 Nm (0.7 m • kg, 5.1 ft • lb)
27 Nm (2.7 m • kg, 19 ft • lb)
18 Nm (1.8 m • kg, 13 ft • lb)
FWD

CAUTION:

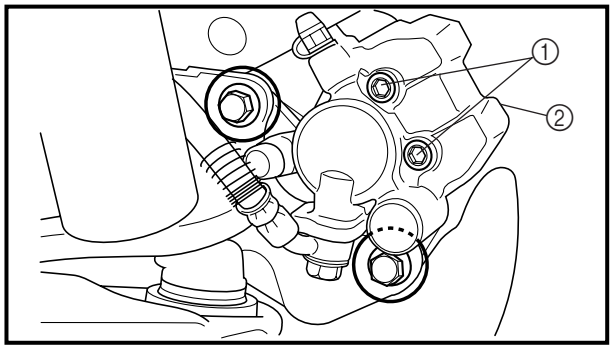
Disc brake components rarely require disassembly. DO NOT:

- **Disassemble components unless absolutely necessary.**
- **Use solvents on internal brake components.**
- **Use contaminated brake fluid for cleaning. Use only clean brake fluid.**
- **Allow brake fluid to come in contact with the eyes, otherwise eye injury may occur.**
- **Allow brake fluid to contact painted surfaces or plastic parts otherwise damage may occur.**
- **Disconnect any hydraulic connection otherwise the entire system must be disassembled, drained, cleaned, and then properly filled and bled after reassembly.**

BRAKE PAD REPLACEMENT

NOTE:

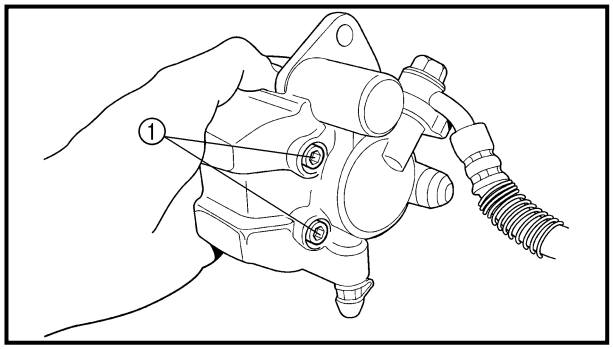
It is not necessary to disassemble the brake caliper and brake hose to replace the brake pads.



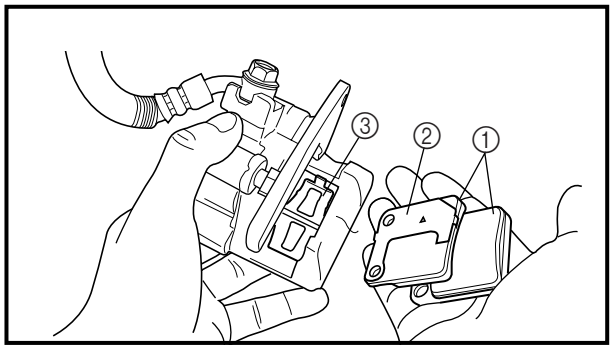
1.Remove:
- Front wheel

2.Loosen:
- Retaining bolts ①

3.Remove:
- Front brake caliper ②

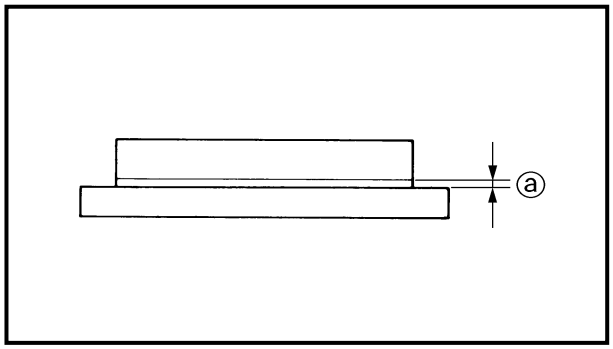


4.Remove:
- Retaining bolts ①



5.Remove:
- Brake pads ①
  (with pad shim ②)
- Pad spring ③

NOTE:
- When pad replacement is required, also replace the pad spring and shim.
- Replace the pads as a set if either is found to be worn to the wear limit ⓐ.



Wear limit ⓐ:
1.0 mm (0.04 in)

6.Install:
- Pad shim
  (onto inside brake pad)
- Pad spring
- Brake pads

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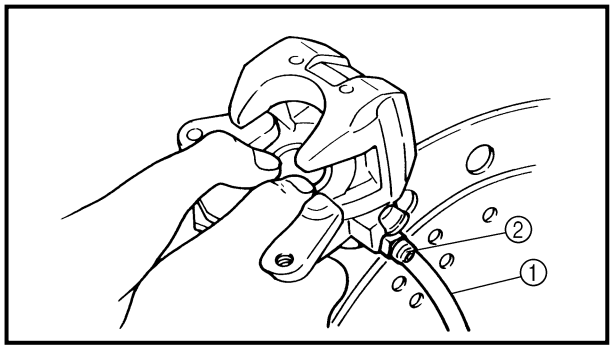
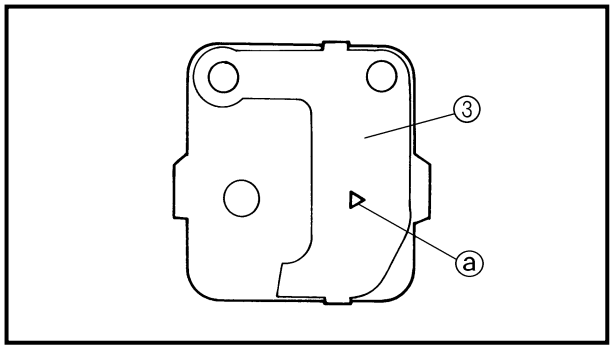
Installation steps:
- Connect a suitable hose ① tightly to the caliper bleed screw ②. Then, place the other end of this hose into an open container.
- Loosen the caliper bleed screw and push the pistons into the caliper with the finger.
- Tighten the caliper bleed screw ②.



Caliper bleed screw:
6 Nm (0.6 m • kg, 4.3 ft • lb)



- Install the pad shim ③ (new) onto the brake pad (new).

NOTE:
The arrow mark ⓐ on the pad shim must point in the direction of the disc rotation.

- Install the pad spring (new) and brake pads (new).

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